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Substitute for form 1440/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/661,031
				Filing Date	09/12/2003
				First Named Inventor	John A. Moon
				Art Unit	2872
				Examiner Name	Lavarias
				Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	1	of	13		

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear
		Number-Kind Code ² (if known)			
/ACL/		3891302	06-24-1975	Dabby et al.	
/ACL/		3916182	10-28-1975	Dabby et al.	
/ACL/		3968476	07-06-1976	McMahon	
/ACL/		4011435	03-08-1977	Phelps	
/ACL/		4023010	05-10-1977	Horst et al.	
/ACL/		4053228	10-11-1977	Schiller	
/ACL/		4131337	12-26-1978	Moraw et al.	
/ACL/		4168146	09-18-1979	Grubb et al.	
/ACL/		4301139	11-17-1981	Feingers et al.	
/ACL/		4386274	05-31-1983	Altshuler	
/ACL/		4445229	04-24-1984	Tasto et al.	
/ACL/		4447546	05-08-1984	Hirschfeld	
/ACL/		4560881	12-24-1985	Briggs	
/ACL/		4562157	12-31-1985	Lowe et al.	
/ACL/		4647544	03-03-1987	Nicoli et al.	
/ACL/		4678752	07-07-1987	Thorne et al.	
/ACL/		4685480	08-11-1987	Eck	
/ACL/		4690907	09-01-1987	Hibino et al.	
/ACL/		4716121	12-29-1987	Block et al.	
/ACL/		4725110	02-16-1988	Glenn et al.	
/ACL/		4740468	04-26-1988	Weng et al.	
/ACL/		4740688	04-26-1988	Edwards	
/ACL/		4748110	05-31-1988	Paul	
/ACL/		4767719	08-30-1988	Finlan	
/ACL/		4807950	02-28-1989	Glenn et al.	
/ACL/		4816659	03-28-1989	Bianco et al.	
/ACL/		4841140	06-20-1989	Sullivan et al.	
/ACL/		4877747	10-31-1989	Stewart	
/ACL/		4880752	11-14-1989	Keck et al.	
/ACL/		4882288	11-21-1989	North et al.	

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				Art Unit	2872
				Examiner Name	Lavarias
				Attorney Docket Number	IP-0015A-US (830-0015US2)
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/ACL/		4921805	05-01-1990	Gebeyehu et al	
/ACL/		4931384	06-05-1990	Layton et al	
/ACL/		4937048	06-26-1990	Sakai, et al	
/ACL/		4958376	09-18-1990	Leib	
/ACL/		4992385	02-12-1991	Godfrey	
/ACL/		5003600	03-26-1991	Deason et al	
/ACL/		5030558	07-09-1991	Litman et al	
/ACL/		5033826	07-23-1991	Kolner	
/ACL/		5065008	11-12-1991	Hakamata et al	
/ACL/		5067155	11-19-1991	Bianco et al	
/ACL/		5081012	01-14-1992	Flanagan et al	
/ACL/		5089387	02-18-1992	Tsay et al	
/ACL/		5090807	02-25-1992	Tai	
/ACL/		5095194	03-10-1992	Barbanell	
/ACL/		5100238	03-31-1992	Nailor et al	
/ACL/		5104209	04-14-1992	Hill et al.	
/ACL/		5115121	05-19-1992	Bianco et al	
/ACL/		5118608	06-02-1992	Layton et al	
/ACL/		5129974	07-14-1992	Aurenus	
/ACL/		5138468	08-11-1992	Barbanell	
/ACL/		5141848	08-25-1992	Donovan et al	
/ACL/		5144461	09-01-1992	Horan	
/ACL/		5166813	11-24-1992	Metz	
/ACL/		5192980	03-09-1993	Dixon et al	
/ACL/		5196350	03-23-1993	Backman et al	
/ACL/		5200794	04-06-1993	Nishiguma et al	
/ACL/		5218594	06-08-1993	Tanno	
/ACL/		5291006	03-01-1994	Nishiguma et al	
/ACL/		5291027	03-01-1994	Kita et al	
/ACL/		5300764	04-05-1994	Hoshino et al	

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/ACL/		5307332	04-26-1994	Tinet	
/ACL/		5310686	05-10-1994	Sawyers et al	
/ACL/		5342790	08-30-1994	Levine et al	
/ACL/		5349442	09-20-1994	Deason et al	
/ACL/		5352582	10-04-1994	Lichtenwalter et al	
/ACL/		5364797	11-15-1994	Olson et al	
/ACL/		5367588	11-22-1994	Hill et al.	
/ACL/		5372783	12-13-1994	Lackie	
/ACL/		5374816	12-20-1994	Bianco	
/ACL/		5374818	12-20-1994	Bianco et al	
/ACL/		5388173	02-07-1995	Glenn	
/ACL/		5394234	02-28-1995	Bianco et al	
/ACL/		5395558	03-07-1995	Tsai	
/ACL/		5426297	06-20-1995	Dunphy et al.	
/ACL/		5442433	08-15-1995	Hoshino et al	
/ACL/		5448659	09-05-1995	Tsutsui et al	
/ACL/		5451528	09-19-1995	Raymoure et al	
/ACL/		5455178	10-03-1995	Fattinger	
/ACL/		5461475	10-24-1995	Lerner et al	
/ACL/		5465176	11-07-1995	Bianco et al	
/ACL/		5468649	11-21-1995	Shah et al	
/ACL/		5506674	04-09-1996	Inoue et al	
/ACL/		5514785	05-07-1996	Van Ness et al	
/ACL/		5528045	06-18-1996	Hoffman et al	
/ACL/		5547849	08-20-1996	Baer et al	
/ACL/		5559613	09-24-1996	Deveaud-Pledran et al	
/ACL/		5585639	12-17-1996	Dorsel et al	
/ACL/		5587832	12-24-1996	Krause	
/ACL/		5607188	03-04-1997	Bahns et al	
/ACL/		5621515	04-15-1997	Hoshino	
/ACL/		5624850	04-29-1997	Kumar et al	
/ACL/		5625472	04-29-1997	Mizrahi et al	

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		First Named Inventor	John A. Moon
		Art Unit	2872
		Examiner Name	Lavarias
		Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	4	of	13

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear
		Number-Kind Code ² (if known)			
/ACL/		5627040	05-06-1997	Bierre et al	
/ACL/		5627663	05-06-1997	Horan et al	
/ACL/		5633724	05-27-1997	King et al	
/ACL/		5663790	05-27-1997	Gritter et al	
/ACL/		5667976	09-16-1997	Van Ness et al	
/ACL/		5671308	09-23-1997	Inoue et al	
/ACL/		5712912	01-27-1998	Tomko et al	
/ACL/		5721435	02-24-1998	Troll	
/ACL/		5729365	03-17-1998	Sweatt	
/ACL/		5736330	04-07-1998	Fulton	
/ACL/		5742432	04-21-1998	Bianco	
/ACL/		5745617	04-28-1998	Starodubov et al	
/ACL/		5759778	06-02-1998	Li et al	
/ACL/		5760961	06-02-1998	Tompkin et al	
/ACL/		5766956	06-16-1998	Groger et al	
/ACL/		5776694	07-07-1998	Sheiness et al	
/ACL/		5793502	08-11-1998	Bianco et al	
/ACL/		5798273	08-25-1998	Shuler et al	
/ACL/		5799231	08-25-1998	Gates et al	
/ACL/		5801857	09-01-1998	Heckenkamp et al	
/ACL/		5804384	09-08-1998	Muller et al	
/ACL/		5812272	09-22-1998	King et al	
/ACL/		5822472	10-20-1998	Betlach et al	
/ACL/		5824478	10-20-1998	Muller	
/ACL/		5824557	10-20-1998	Burke et al	
/ACL/		5831698	11-03-1998	Depp et al	
/ACL/		5837475	11-17-1998	Dorsal et al	
/ACL/		5841555	11-24-1998	Bianco et al	
/ACL/		5846737	12-08-1998	Kang	
/ACL/		5874187	02-23-1999	Colvin et al	
/ACL/		5895750	04-20-1999	Mushahwar et al	
/ACL/		5922550	07-13-1999	Everhart et al	

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/ACL/		5925562	07-20-1999	Nova et al	
/ACL/		5925878	07-20-1999	Challener	
/ACL/		5945679	08-31-1999	Dorsel et al	
/ACL/		5972542	10-26-1999	Starodubov	
/ACL/		5976896	11-02-1999	Kumar et al	
/ACL/		5981166	11-09-1999	Mandecki	
/ACL/		5986838	11-16-1999	Thomas, III	
/ACL/		5989923	11-23-1999	Lowe et al	
/ACL/		5998796	12-07-1999	Liu et al	
/ACL/		6001510	12-14-1999	Meng et al	
/ACL/		6017754	01-25-2000	Chesnut et al	
/ACL/		6025129	02-15-2000	Nova et al	
/ACL/		6025283	02-15-2000	Roberts	
/ACL/		6036807	03-14-2000	Brongers	
/ACL/		6043880	03-28-2000	Andrews et al	
/ACL/		6046925	04-04-2000	Tsien et al	
/ACL/		6049727	04-11-2000	Crothall	
/ACL/		6057107	05-02-2000	Fulton	
/ACL/		6060256	05-09-2000	Everhart et al	
/ACL/		6067167	05-23-2000	Atkinson et al	
/ACL/		6067392	05-23-2000	Wakami et al	
/ACL/		6078048	06-20-2000	Stevens et al	
/ACL/		6084995	07-04-2000	Clements et al.	
/ACL/		6087186	07-11-2000	Cargill et al	
/ACL/		6096496	08-01-2000	Frankel et al	
/ACL/		6096596	08-01-2000	Gonzalez	
/ACL/		6097485	08-01-2000	Lievan	
/ACL/		6103535	08-15-2000	Pilevar et al	

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/ACL/		6118127	09-12-2000	Liu et al	
/ACL/		6128077	10-03-2000	Jovin et al	
/ACL/		6137931	10-24-2000	Ishikawa et al.	
/ACL/		6143247	11-07-2000	Sheppard Jr. et al	
/ACL/		6156501	12-05-2000	McGall et al.	
/ACL/		6160240	12-12-2000	Momma et al	
/ACL/		6160656	12-12-2000	Mossberg et al	
/ACL/		6164548	12-26-2000	Curiel	
/ACL/		6165592	12-26-2000	Berger et al	
/ACL/		6165648	12-26-2000	Colvin et al	
/ACL/		6194563-B1	02-27-2001	Cruickshank	
/ACL/		6204969-B1	03-20-2001	Jang	
/ACL/		6218194-B1	04-17-2001	Lyndin et al	
/ACL/		6221579-B1	04-24-2001	Everhart et al	
/ACL/		6229635-B1	05-08-2001	Wulf	
/ACL/		6229827-B1	05-08-2001	Fernald et al.	
/ACL/		6229941-B1	05-08-2001	Yoon et al.	
/ACL/		6259450-B1	07-10-2001	Chiabrera et al	
/ACL/		6268128-B1	07-31-2001	Collins et al	
/ACL/		6277628-B1	08-21-2001	Johann et al	
/ACL/		6284459-B1	09-04-2001	Nova et al	
/ACL/		6285806-B1	09-04-2001	Kersey et al	
/ACL/		6288220-B1	09-11-2001	Kambara et al	
/ACL/		6292282-B1	09-18-2001	Mossberg et al	

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/ACL/		6292319-B1	09-08-2001	Thomas, III	
/ACL/		6301047-B1	10-09-2001	Hoshino et al	
/ACL/		6304263-B1	10-16-2001	Chiabrera et al	
/ACL/		6306587-B1	10-23-2001	Royer et al	
/ACL/		6309601-B1	10-30-2001	Juncosa et al	
/ACL/		6312961-B1	11-06-2001	Voirin et al	
/ACL/		6313771-B1	11-06-2001	Munroe et al	
/ACL/		6314220-B1	11-06-2001	Mossberg et al	
/ACL/		6319668-B1	11-20-2001	Nova et al	
/ACL/		6322932-B1	11-27-2001	Colvin et al	
/ACL/		6329963-B1	12-11-2001	Chiabrera et al	
/ACL/		6331273-B1	12-18-2001	Nova et al	
/ACL/		6340588-B1	01-22-2002	Nova et al	
/ACL/		6352854-B1	03-05-2002	Nova et al	
/ACL/		6355198-B1	03-12-2002	Kim et al	
/ACL/		6356681-B1	03-12-2002	Chen et al	
/ACL/		6361958-B1	03-26-2002	Shieh et al	
/ACL/		6363097-B1	03-26-2002	Linke et al	
/ACL/		6371370-B2	04-16-2002	Sadler et al	
/ACL/		6372428-B1	04-16-2002	Nova et al	
/ACL/		6391562-B2	05-21-2002	Kambara et al	
/ACL/		6395558-B1	05-28-2002	Duveneck et al	
/ACL/		6399295-B1	06-04-2002	Kaylor et al	
/ACL/		6399935-B1	06-04-2002	Jovin et al	

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		Application Number	10/661,031
		Filing Date	09/12/2003
		First Named Inventor	John A. Moon
		Art Unit	2872
		Examiner Name	Lavarias
		Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	8	of	13

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear
		Number-Kind Code ² (if known)			
/ACL/		6403320-B1	06-11-2002	Read et al.	
/ACL/		6406841-B1	06-18-2002	Lee et al	
/ACL/		6406848-B1	06-18-2002	Bridgham et al	
/ACL/		6416714-B1	07-09-2002	Nova et al	
/ACL/		6416952-B1	07-09-2002	Pirrung et al	
/ACL/		6417010-B1	07-09-2002	Cargill et al	
/ACL/		6428707-B1	08-06-2002	Berg et al	
/ACL/		6428957-B1	08-06-2002	Delenstarr	
/ACL/		6429022-B1	08-06-2002	Kunz et al	
/ACL/		6433849-B1	08-13-2002	Lowe	
/ACL/		6436651-B1	08-20-2007	Everhart et al	
/ACL/		6440667-B1	08-27-2002	Fodor et al	
/ACL/		6456762-B1	09-24-2002	Nishiki et al	
/ACL/		6462770-B1	10-08-2002	Cline et al	
/ACL/		6489606-B1	12-03-2002	Kersey et al	
/ACL/		6496287-B1	12-17-2002	Seiberle et al	
/ACL/		6506342-B1	01-14-2003	Frankel	
/ACL/		6515753-B2	02-04-2003	Maher et al	
/ACL/		6522406-B1	02-18-2003	Rovira et al	
/ACL/		6524793-B1	02-25-2003	Chandler et al	
/ACL/		6533183-B2	03-18-2003	Aasmul et al	
/ACL/		6544739-B1	04-08-2003	Fodor et al	
/ACL/		6560017-B1	05-06-2003	Bianco	
/ACL/		6565770-B1	05-20-2003	Mayer et al	

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Substitute for form 1440/PTO				Complete if Known	
				Application Number	10/661,031
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Filing Date	09/12/2003
				First Named Inventor	John A. Moon
				Art Unit	2872
				Examiner Name	Lavarias
				Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	9	of	13		

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear
		Number-Kind Code ² (or known)			
/ACL/		6576424-B2	06-10-2003	Fodor et al	
/ACL/		6592036-B2	07-15-2003	Sadler et al	
/ACL/		6594421-B1	07-15-2003	Johnson et al	
/ACL/		6609728-B1	08-26-2003	Voerman et al	
/ACL/		6613581-B1	09-02-2003	Wada et al	
/ACL/		6618342-B1	09-09-2003	Johnson et al	
/ACL/		6622916-B1	09-23-2003	Bianco	
/ACL/		6628439-B2	09-30-2003	Shiozawa et al	
/ACL/		6632655-B1	10-14-2003	Mehta et al	
/ACL/		6635470-B1	10-21-2003	Vann	
/ACL/		6635863-B1	10-21-2003	Nihommori et al	
/ACL/		6646243-B2	11-11-2003	Pirung et al	
/ACL/		6657758-B1	12-02-2003	Garner	
/ACL/		6678429-B2	01-13-2004	Mossberg et al	
/ACL/		6689316-B1	02-10-2004	Blyth et al	
/ACL/		6692031-B2	02-17-2004	McGrew	
/ACL/		6692912-B1	02-17-2004	Boles et al	
/ACL/		6982996-B1	01-31-2006	Putnam et al	
/ACL/		7092160-B2	08-15-2006	Putnam et al	
/ACL/		7106513-B2	09-12-2006	Moon et al	
/ACL/		7126755-B2	10-24-2006	Moon et al	
/ACL/		20020022273-A1	02-21-2002	Empedocles et al	
/ACL/		20020025534-A1	02-28-2002	Goh et al	
/ACL/		20020034747-A1	03-21-2002	Bruchez et al	

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				Application Number	10/661,031
				Filing Date	09/12/2003
				First Named Inventor	John A. Moon
				Art Unit	2872
				Examiner Name	Lavarias
				Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	10	of	13		

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear
		Number-Kind Code ² (if known)			
/ACL/		20020039732-A1	04-04-2002	Bruchez et al	
/ACL/		20020074513-A1	06-20-2002	Abel et al	
/ACL/		20020090650-A1	07-11-2002	Empedocles et al	
/ACL/		20030008323-A1	01-09-2003	Ravkin et al	
/ACL/		20030021003-A1	01-30-2003	Ono et al	
/ACL/		20030032203-A1	02-13-2003	Sabatini et al	
/ACL/		20030077038-A1	04-24-2003	Murashima et al	
/ACL/		20030129654-A1	07-10-2003	Ravkin et al	
/ACL/		20030138208-A1	07-24-2003	Pawlak et al	
/ACL/		20030184730-A1	10-02-2003	Price	
/ACL/		20040075907-A1	04-22-2004	Moon et al	
/ACL/		20040132205-A1	07-08-2004	Moon et al	
/ACL/		20040170356-A1	09-02-2004	Iazikov et al	
/ACL/		20040175842-A1	09-09-2004	Roitman et al	
/ACL/		20040209376-A1	10-21-2004	Natan et al	
/ACL/		20040263923-A1	12-30-2004	Moon et al	
/ACL/		20050220408-A1	10-06-2005	Putnam	
/ACL/		20050227252-A1	10-13-2005	Moon et al	
/ACL/		20050270603-A1	12-08-2005	Putnam et al	
/ACL/		20060023310-A1	02-02-2006	Putnam et al	
/ACL/		20060028727-A1	02-09-2006	Moon et al	
/ACL/		20060057729-A1	03-16-2006	Moon et al	
/ACL/		20060063271-A1	03-23-2006	Putnam et al	
/ACL/		20060071075-A1	04-06-2006	Moon et al	

Examiner Signature	/Arnel C. Lavarias/	Date Considered	10/16/2007
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				Filing Date	09/12/2003
				First Named Inventor	John A. Moon
				Art Unit	2872
				Examiner Name	Lavarias
				Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	12	of	13		

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/ACL/		DE 2416652	10-16-1975	Flasdieck, Dierk		
/ACL/		EP 0 395 300	10-31-1990	Alcan Int, LTD		
		EP 0 485 803	03-20-1992	Zeiss, Carl PA.		
		EP 0 308 257	10-14-1992	Bayer, Ag		
/ACL/		EP 0 723 149	07-24-1996	Hitachi, LTD		
/ACL/		EP 0 798 573 A1	10-01-1997	Wakami, T., et al		
/ACL/		EP 0 911 667 A1	04-28-1999	Jovin, T. M., et al		
/ACL/		EP 0 972 817 A1	01-19-2000	Hanna, J., et al		
/ACL/		GB 2 118 189	10-26-1983	Shimadzu Corp		
/ACL/		GB 2 138 821	10-31-1984	California Institute Technology		
/ACL/		GB 2 299 235	09-25-1996	Uhl, Rainer		
/ACL/		GB 2 306 484	05-07-1997	Univ Hertfordshire		
/ACL/		GB 2 319 838	06-03-1998	Hewlett-Packard Co.		
		JP 00249706	09-14-2000	Hokuto Kagaku Sangyo, K.K. Iatron Lab.		
		JP 01047950	02-22-1989	Patent Abstracts of Japan		
		JP 08102544	04-16-1986	Sato, Yoichi		
/ACL/		WO 91/06496	05-16-1991	Autotrol Corp		
/ACL/		WO 93/09668	05-27-1993	Affymax Technology, N. V..		
/ACL/		WO 94/28119	12-18-1994	Smithkline Beecham P.L.C		
/ACL/		WO 96/24061	08-08-1996	Ontogen Corp		
/ACL/		WO 97/12680	04-10-1997	Sargent, Bradley J.		
/ACL/		WO 97/015690	05-01-1997	Curagen Corp.		
/ACL/		WO 97/17258	05-15-1997	Glaxo Group, LTD		
/ACL/		WO 97/31282	08-28-1997	Isis Innovation		
/ACL/		WO 97/34171	09-18-1997	Johnson, Kenneth C.		
/ACL/		WO 98/04740	02-05-1998	Northwestern University		
/ACL/		WO 98/24549	06-11-1998	Smithkline Beecham PLC		
/ACL/		WO 99/02266	01-21-1999	Hendrik, Sibolt Van.		

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				Application Number		10/661,031	
				Filing Date		09/12/2003	
				First Named Inventor		John A. Moon	
				Art Unit		2872	
				Examiner Name		Lavarias	
Attorney Docket Number		IP-0015A-US (830-0015US2)					
Sheet	13	of	13				

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
/ACL/		WO 99/09042	02-25-1999	Cepheid	
/ACL/		WO 99/32654	07-01-1999	Hltachi Chemical Co, LTD	
/ACL/		WO 99/42209	08-26-1999	TAKEDA CHEMICAL INDUSTRIES, LTD.	
/ACL/		WO 00/08443	02-17-2000	Bastiaens, Philippe, et al	
/ACL/		WO 00/37914	06-01-2000	Fernald, Mark R.	
/ACL/		WO 00/37969	06-01-2000	Fernald, Mark R.	
/ACL/		WO 00/39617	07-01-2000	Fernald, Mark R, et al.	
/ACL/		WO 01/78889 A2	10-25-2001	Scientific Generics Ltd.	
/ACL/		WO 01/90225	11-29-2001	Washizu, Masao	
/ACL/		WO 04/025561	03-25-2004	Moon, J., et al	
/ACL/		WO 04/025563 A1	03-04-2004	Moon, John, et al	
/ACL/		WO 05/026729 A3	03-24-2005	Li, T., et al	
/ACL/		WO 05/027031 A2	03-24-2005	Dunphy, J. R., et al	
/ACL/		WO 05/029047 A2	03-31-2005	Putnam, M. A., et al	
/ACL/		WO 05/033681 A1	04-14-2005	Moon, J. A., et al	
/ACL/		WO 05/050207 A3	06-02-2005	Moon, J. A., et al	
/ACL/		WO 05/079544 A2	09-01-2005	Sirkis, J. S., et al	
/ACL/		WO 06/076053 A1	07-20-2006	Putnam, M. A., et al	
/ACL/		WO 06/020363 A2	02-23-2006	Moon, J. A., et al	
/ACL/		WO 06/055736 A1	05-26-2006	Moon, J. A.	
/ACL/		WO 06/055735 A2	05-26-2006	Kersey, A. D., et al	

Examiner Signature	/Arnel C. Lavarias/	Date Considered	10/16/2007
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Substitute for form 144Q/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/661,031
				Filing Date	09/12/2003
				First Named Inventor	John A. Moon
				Art Unit	2872
				Examiner Name	Lavarias, Arnel C
				Attorney Docket Number	IP-0015A-US (830-0015US2)
Sheet	1	of	2		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the items (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/ACL/		Burstein Technology, Inc.; "Angel Strategies Tombstone"; 1 pg.	
/ACL/		VANDER LUGT; "Design Relationships For Holographic Memories"; Applied Optics, Vol. 12, No. 7, July 1973; pgs. 1675-1685	
/ACL/		ANDREW MARSHALL; "DNA Chips: Array of Possibilities"; Nature Biotechnology Vol. 16 Jan. 1998; pgs. 27-31	
/ACL/		THOMAS LAURELL; "Enhanced Enzyme Activity in Silicon Integrated Enzyme Reactors Utilizing Porous Silicon as the Coupling Matrix"; Sensor & Actuators B 31 (1996); pgs. 161-166	
/ACL/		MICHAEL J. KOZAL; "Extensive Polymorphisms Observed in HIV-1 Clade B Protease Gene Using High-Density Oligonucleotide Arrays"; Nature Medicine, Vol. 2, No. 7, July 1996; pgs. 753-759	
/ACL/		MASATO MITSUHASHI; "Gene Manipulation on Plastic Plates"; Nature, Vol. 357, 11 June 1992; pgs. 519-520	
/ACL/		"Ben Beune Patent Licensing Director of Philips IP&S"; Replication & Duplication -News & Technology; Jan-Feb 2002; pgs. 1-2	
/ACL/		"Compact Disc Arrayer"; V&P Scientific; 11/17/03; pgs. 1-4	
/ACL/		DE BEER ET AL.; "Forward-Scattering Degenerate Four-Wave Mixing for Sensitive Absorption Detection in Microseparation Systems Coupling to Micro-Column Liquid Chromatography"; Journal of Chromatography A. 811 (1998); pgs. 35-45	
/ACL/		FONJALLAZ ET AL.; "Interferometric Side Diffraction Technique for the Characterisation of Fiber Gratings"; 1999 OSA Conference, September 23-25; 3 pgs.	
/ACL/		KASHYAP R.; "Fiber Bragg Gratings"; Academic Press, Ch. 9; pp.430-433	
/ACL/		KOGELNIK H; "Coupled Wave Theory for Thick Hologram Gratings"; The Bell System Technical Journal, 48(9):2909-2947 (1969)	
/ACL/		KRUG P.; "Measurement of Index Modulation Along an Optical Fiber Bragg Grating"; Optics Letters, 20(17):1767-1769	

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				First Named Inventor	John A. Moon
				Art Unit	2872
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OTHER PRIOR ART - - NON PATENT LITERATURE DOCUMENTS			
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/ACL/		LEITH ET AL., "Holographic Data Storage in Three-Dimensional Media"; Applied Optics, Vol. 5, No. 8, August 1966; 21 pgs.	
/ACL/		SHELIA R. NICERWARNER-PEÑA, "Submicrometer Metallic Barcodes"; Science, Vol. 294; 5 October 2001; 5 pgs.	
/ACL/		IVAN ORANSKY; "Sequencing on Compact Disc? Microgenomics of Breast Cancer; Better Binding Site Prediction"; Vol. 17 / Issue 13 / 35 / Jun. 30, 2003; 13 pgs.	
/ACL/		MARK O. WORTHINGTON; "Curriculum Vitae"; 01/05/2004; 4 pgs.	
/ACL/		YOSHINOBU KOHARA; "DNA Probes on Beads Arrayed in a Capillary, 'Bead-Array', Exhibited High Hybridization Performance"; Nucleic Acids Research, 2002, Vol. 30, No. 16 e87; 7 pgs.	

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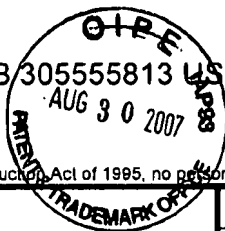
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				Examiner Name	Lavarias, Arnel C.
				Attorney Docket Number	IP-0015A (830-0015US2)
Sheet	1	of	6		

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant figures Appear
		Number-Kind Code ² (if known)			
/ACL/	A1	4,053,433	10-11-1977	Lee	
/ACL/	A2	4,400,616	08-23-01983	Chevillat et al.	
/ACL/	A3	4,701,754	10-20-1987	Provonchee	
/ACL/	A4	4,762,420	08-09-1988	Bowley	
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/ACL/	A7	5,610,287	03-11-1997	Nikiforov et al.	
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/ACL/	A15	6,035,082	03-07-2000	Murphy et al.	
/ACL/	A16	6,242,056 B1	06-05-2001	Spencer et al.	
/ACL/	A17	6,321,007 B1	11-20-2001	Sanders	

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/ACL/	A26	6,545,758 B1 6,545,758	04-08-2003	Sandstrom	
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/ACL/	A31	2004/0125370 A1	07-01-2004	Montagu	
/ACL/	A32	2004/0125424 A1	07-01-2004	Moon et al.	
/ACL/	A33	2004/0126875 A1	07-01-2004	Putnam et al.	
/ACL/	A34	2004/0233485 A1	11-25-2004	Moon et al.	
/ACL/	A35	2005/0042764 A1	02-24-2005	Sailor et al.	
/ACL/	A36	6,881,789 B2	04-19-2005	Bossé	
/ACL/	A37	6,905,885 B2	06-14-2005	Colston et al.	

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				Attorney Docket Number	IP-0015 A (830-0015US2)
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/ACL/	B1	CH 598661A(with translation)	05-12-1978	Ballmoos, Fritz Von.		
/ACL/	B2	EP 0 916 981 A1	05-19-1999	Max-Planck-Gesellschaft zur Forderung		
/ACL/	B3	EP 1 182 054 A2	02-27-2002	OVD Kinegram AG		
	B4	JP 11-119029 A (Abstract)	04-30-1999	Oki Electric Ind Co Ltd		
/ACL/	B5	JP 2000-035521 (with translation)	02-02-2000	Nippon Telegraph		
/ACL/	B6	WO 01/71322 A2	09-27-2001	Goh et al.		
/ACL/	B7	WO 02/059306 A2	08-01-2002	Applera Corporation		
/ACL/	B8	WO 04/019276 A1	03-04-2004	Cidra Corporation		
/ACL/	B9	WO 2004/024328 A1	03-25-2004	Cidra Corporation		
/ACL/	B10	WO 2004/025562 A1	03-25-2004	Cidra Corporation		
/ACL/	B11	WO 2004/066210 a1	08-05-2004	Cyvera Corporation		
/ACL/	B12	WO 96/36436 A1	11-21-1996	Irori		

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/ACL/	C1	Jain KK, Nanodiagnostics: application of nanotechnology in molecular diagnostics, Expert Review of Molecular Diagnostics 3(2):153-161 (2003), XP008038849	
/ACL/	C2	International Search Report and Preliminary Examination Report for International Application No. PCT/US2003/26315	
/ACL/	C3	International Search Report and Written Opinion for International Application No. PCT/US2003/26316	
/ACL/	C4	International Search Report for International Application No. PCT/US2003/28862	
/ACL/	C5	International Search Report for International Application No. PCT/US2003/28874	
/ACL/	C6	International Search Report for International Application No. PCT/US2003/28875	
/ACL/	C7	International Search Report for International Application No. PCT/US2003/28887	
/ACL/	C8	International Search Report for International Application No. PCT/US2003/28890	
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/ACL/	C10	International Search Report for International Application No. PCT/US2003/29244	
/ACL/	C11	International Search Report and Written Opinion for International Application No. PCT/US2004/01685	
/ACL/	C12	International Search Report and Written Opinion for International Application No. PCT/US2004/30037	
/ACL/	C13	International Search Report and Written Opinion for International Application No. PCT/US2004/30038	
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/ACL/	C20	International Search Report and Written Opinion for International Application No. PCT/US2005/33694	

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